8th Grade Science:

What is Physical Science?

* Study Click here to enter text. and the way in which matter and energy interact in the world around us.
  + Mechanics
  + Heat
  + Light
  + Electricity
  + Magnetism

The Scientific Method

* Testing a Hypothesis
  + A CONTROL –
    - Standard for comparison that does Click here to enter text. or a factor that does not vary in an experiment
    - Change only Click here to enter text.factor at a time.
      * Allows you to find out the effect of that factor
  + Variables:
    - Independent – factor Click here to enter text. by the experimenter
    - Dependent – Click here to enter text. on the value of the independent variable
* Theory = explanation based on Click here to enter text. supported by experimental Click here to enter text.
* Scientific Law = rule of nature that Click here to enter text. and results to describe a Click here to enter text. in nature.